

ABSTRACT

In a manufacturing process for a fuel cell having a fuel electrode, an oxidizer electrode, and a polymer electrolyte membrane held between both the electrodes, and having electrode catalyst layers which are individually provided between both the electrodes and the polymer electrolyte membrane, the process has the step of ejecting an electrode catalyst composition containing conductive particles carrying thereon at least a catalyst, by an ink-jet process to form the electrode catalyst layers. This provides a fuel cell manufacturing process which can accurately control the coverage of catalyst layers and also can simply provide pores while controlling the same.